



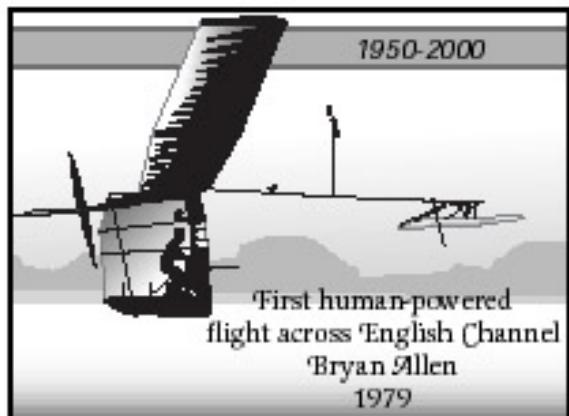
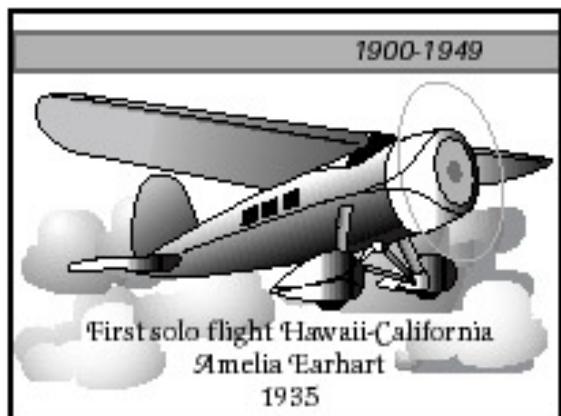
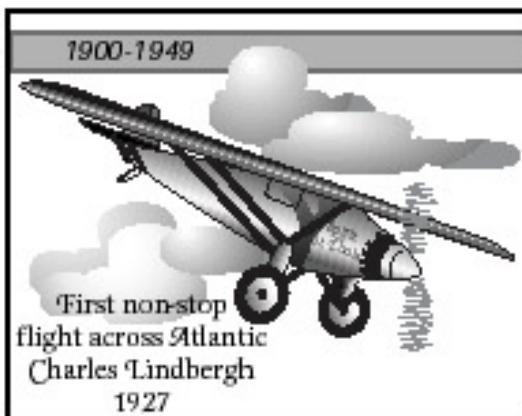
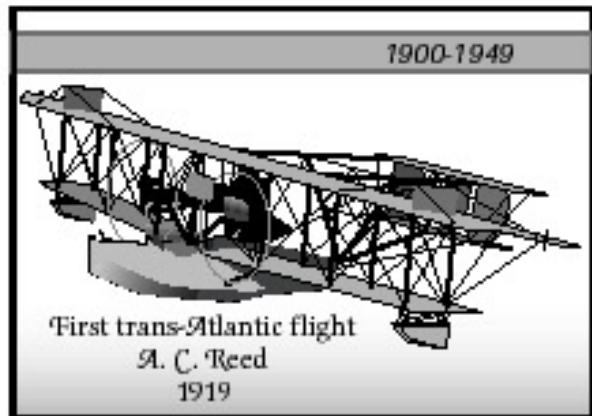
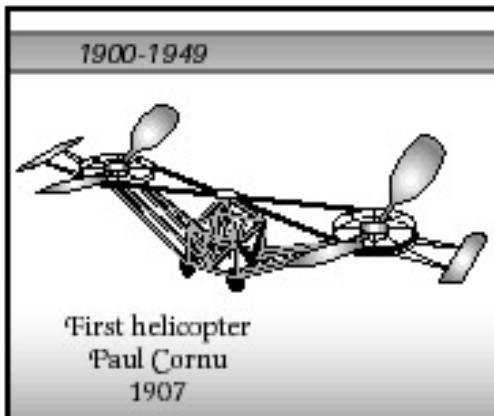
## Time Line Events

Use these events to begin your time line

*Key words* are in the events below.

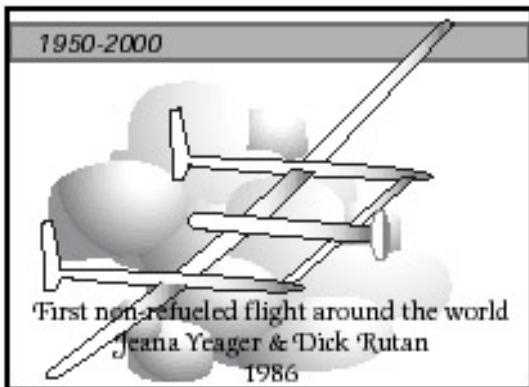
- 400 B.C. The first kites were invented by the Chinese.
- 1485 Leonardo da Vinci designed the *ornithopter* (a wing flapping aircraft).
- 1783 Joseph and Etienne Montgolfier launched the first passengers—a duck, a sheep, and a rooster—in a *hot air balloon*.
- 1849 Sir George Cayley, "The Father of Aerial Navigation," designed the first three-wing glider that lifted a person off the ground.
- 1891 Otto Lilienthal built the first practical glider for long flights.
- 1903 The Wright Brothers developed the first motor-powered airplane that a pilot could control.
- 1907 Paul Cornu built the first free flying helicopter.
- 1919 Lieutenant Commander A. C. Reed and his crew were the first to fly across the Atlantic Ocean, making several stops, in the *Curtiss Flying Boat*.
- 1927 Charles Lindbergh was the first person to fly across the Atlantic Ocean nonstop.
- 1935 Amelia Earhart was the first person to fly solo across the Pacific Ocean from Hawaii to California.
- 1947 Chuck Yeager became the first pilot to break the sound barrier.
- 1979 The *Gossamer Albatross* was the first craft powered by a human (Bryan Allen) to fly across the English Channel.
- 1986 Dick Rutan and Jeana Yeager flew *Voyager* around the world nonstop without refueling.
- 1997 The NASA/AeroVironment *Pathfinder* became the first solar-powered aircraft to fly above the troposphere.

# Time Line

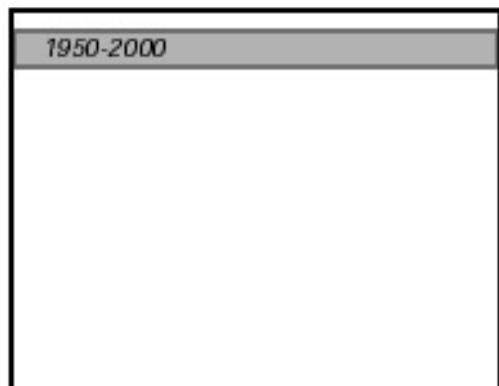
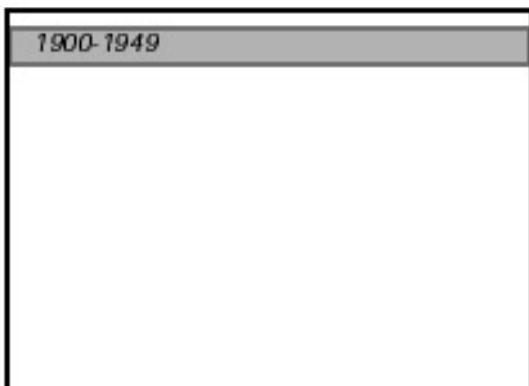
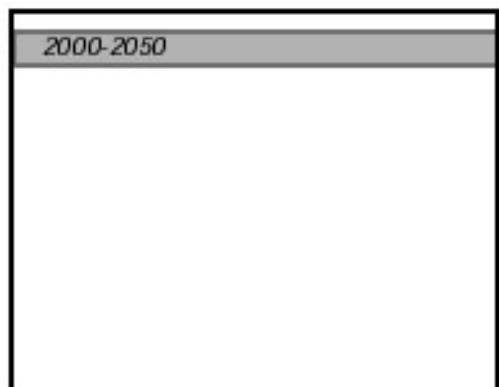
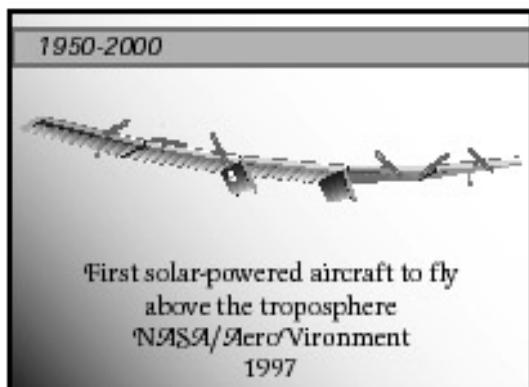


From *Aeronautics: An Educator's Guide with Activities in Science, Mathematics, and Technology Education*, EG-1998-09-105-HQ

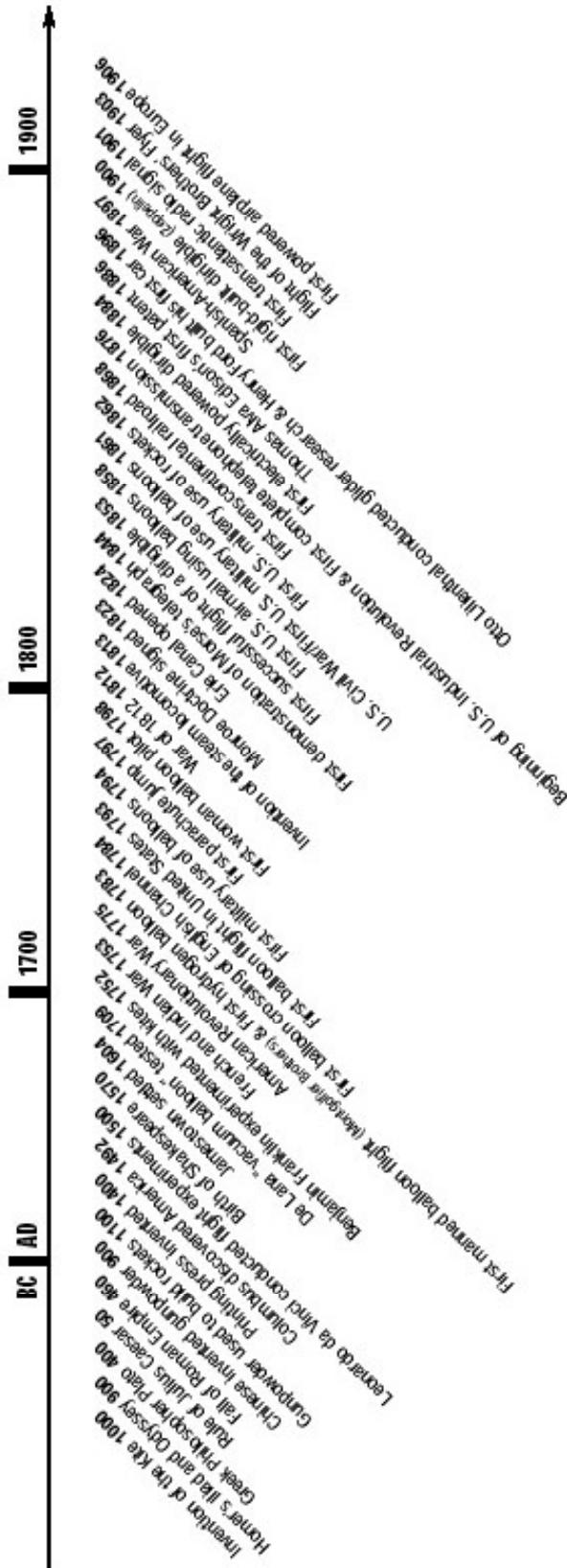
# Time Line



Add to the time line by  
researching other  
aeronautical events,  
or  
design events of the future.

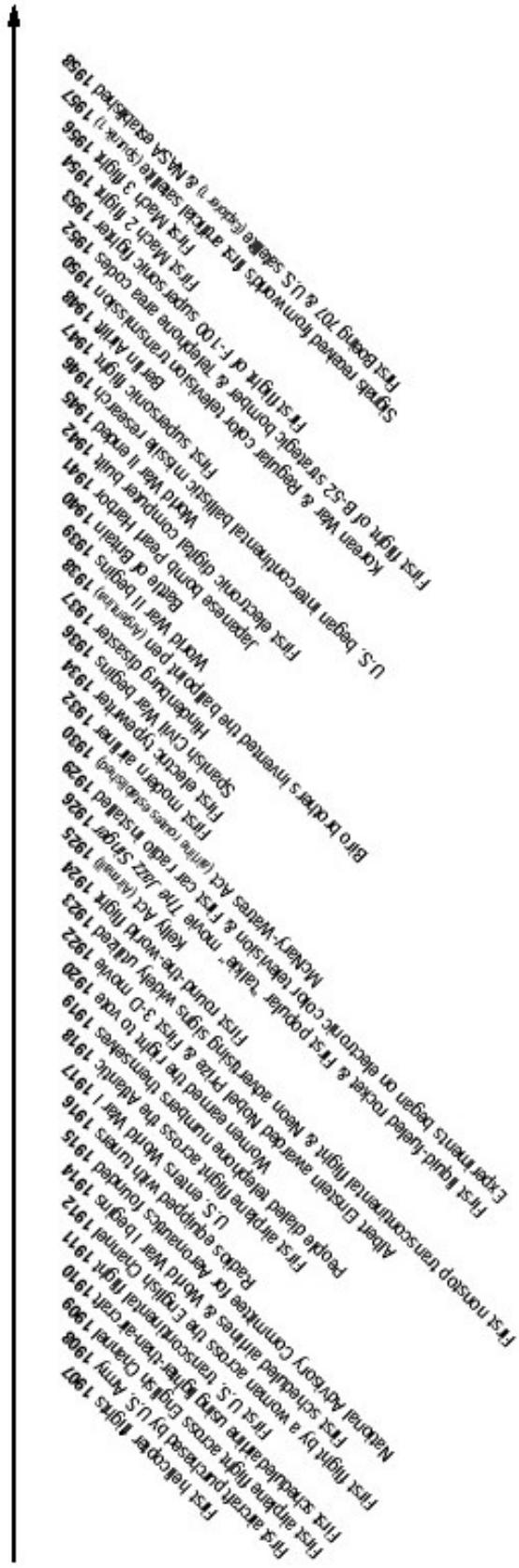


## **Historic Events BC to 2000**



### Timeline of Interdisciplinary Activities:

1. Select one or more of the "Premiere American Women in Aerospace" (border pictures). Research their backgrounds and record their names and accomplishments above the timeline in the proper location. The research sites listed on this poster and the historical events on the timeline will help you.
2. Research historical events on the timeline, for example, by decade. What were the significant events that affected the role of women?



## Tips for searching on the Net:

- Be specific.
- Use quotation marks around exact match data.
- Spell correctly.
- Beware of punctuation. (Apostrophes are not universally recognized.)

Get help. (All search engines have a Help section.)  
Follow the information tree. (Click under search engine directory sites.)  
Try independent search tools. (for example, <http://www.searchpad.com>)

